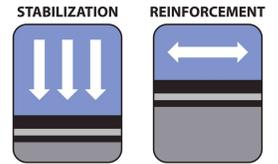




# Synteen SC9600/9600

## Woven High Strength Polyester



Synteen SC9600/9600 is a BIAXIAL geotextile composed of high molecular weight, high tenacity multifilament polyester yarns that are woven into a stable network placed under tension. Synteen SC9600 is inert to biological degradation and is resistant to naturally encountered chemicals, alkalis and acids.



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	<u>ASTM D-4595</u>	9,600 x 9,600 lbs/ft	140.1 x 140.1 kN/m
Tensile Strength @ 5 % Strain	<u>ASTM D-4595</u>	4,000 x 4,000 lbs/ft	58.4 x 58.4 kN/m
(LTDS) Long Term Design Strength	GRI-GT7	4,898 x 4,898 lbs/ft	71.5 x 71.5 kN/m
Partial Factor -Environmental Effects Environment, 3 < pH < 9	GRI-GG7, GRI-GG8)	1.1 RFd	1.1 RFd
Partial Factor -Installation Damage (sand/silt/clay)	ASTM D 5818	1.18 RFid	1.18 RFid
Reduction Factor - Creep		1.51	1.51

## Synteen SC9600/9600 Shipping & Packaging Information

SIZE	WIDTH	AREA
16.4' x 300'	16.4'	546.67 y <sup>2</sup>

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